

Water Quality Characteristics by Water Quality Zone

November 2001

Water Quality Parameter	WQZ	Mean	Median	Standard Deviation	Minimum	Maximum	Count	Coefficient of Variation
Hardness ppm	1	222	214	41.8	180	295	6	19%
	2	124	130	17.4	101	140	6	14%
	3	160	188	63.0	78	258	11	40%
	4	104	95	25.3	76	145	8	24%
	5	101	94	12.4	85	121	11	12%
	6	104	104	10.6	90	121	12	10%
	7	95	99	16.4	60	113	9	17%
	8	144	154	21.3	116	167	11	15%
	9	126	122	46.3	76	201	5	37%
	10	78	78	0.8	76	78	6	1%
	System Wide	124	111	46.7	60	295	85	38%
TDS ppm	1	390	416	100.8	175	530	10	26%
	2	291	301	22.5	250	320	27	8%
	3	324	301	105.8	177	523	34	33%
	4	232	218	35.1	188	312	25	15%
	5	242	244	24.8	166	281	36	10%
	6	239	245	24.4	192	287	28	10%
	7	218	217	23.1	184	292	29	11%
	8	304	289	38.8	254	422	21	13%
	9	302	260	120.1	212	648	23	40%
	10	220	221	2.6	213	223	13	1%
	System Wide	270	249	75.8	166	648	246	28%
Sodium ppm	1	51	51	8.7	39	66	6	17%
	2	47	47	1.2	46	49	6	2%
	3	51	58	13.6	27	69	11	27%
	4	37	34	7.1	29	46	8	19%
	5	39	42	5.7	30	45	11	15%
	6	38	40	7.0	26	46	12	18%
	7	32	29	7.1	25	44	9	22%
	8	42	44	4.3	33	46	11	10%
	9	48	45	7.9	42	60	5	16%
	10	42	42	0.5	42	43	6	1%
	System Wide	42	43	9.4	25	69	85	22%

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<i>pH units</i>	1	7.7	7.6	0.19	7.4	8.0	10	2%
	2	8.1	8.1	0.08	7.9	8.2	27	1%
	3	8.0	8.0	0.18	7.6	8.3	34	2%
	4	7.9	7.9	0.15	7.5	8.2	25	2%
	5	7.9	8.0	0.21	7.4	8.2	36	3%
	6	7.9	8.0	0.32	6.9	8.2	28	4%
	7	7.9	7.9	0.12	7.6	8.1	29	2%
	8	7.7	7.8	0.10	7.4	7.9	21	1%
	9	7.9	7.9	0.25	7.2	8.1	23	3%
	10	8.0	8.0	0.06	7.9	8.1	13	1%
	System Wide	7.9	7.9	0.21	6.9	8.3	246	3%
<i>Chlorine ppm</i>	1	0.8	0.8	0.15	0.5	1.0	10	20%
	2	0.9	0.9	0.12	0.6	1.1	27	14%
	3	0.8	0.8	0.09	0.7	1.1	34	11%
	4	0.9	0.9	0.15	0.6	1.2	25	17%
	5	0.9	1.0	0.16	0.5	1.2	36	17%
	6	0.9	0.9	0.16	0.5	1.1	28	19%
	7	0.9	0.9	0.09	0.7	1.0	29	11%
	8	0.8	0.8	0.10	0.5	1.0	21	14%
	9	0.8	0.8	0.12	0.6	1.0	23	14%
	10	0.8	0.9	0.12	0.6	1.0	13	14%
	System Wide	0.9	0.9	0.14	0.5	1.2	246	16%
<i>Temperature deg C</i>	1	24.9	25.2	1.05	23.3	26.1	10	4%
	2	27.2	27.8	1.69	23.5	30.0	27	6%
	3	25.9	26.3	1.52	21.3	28.1	34	6%
	4	27.2	26.9	1.67	24.3	30.6	25	6%
	5	26.3	26.1	2.23	23.2	30.3	36	8%
	6	25.9	26.3	2.13	21.4	29.1	28	8%
	7	25.9	26.1	1.44	21.8	28.0	29	6%
	8	26.7	26.7	1.51	24.1	29.2	21	6%
	9	26.8	27.6	2.37	22.9	30.9	23	9%
	10	27.3	27.7	2.22	22.2	31.0	13	8%
	System Wide	26.4	26.6	1.93	21.3	31.0	246	7%